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DNA CODING ---PROSTAGLANDIN--- ENDOPEROXIDE ---SYNTHETASE---  
PURPOSE: To provide a DNA having a part or total of a base sequence  
coding a ---prostaglandin---producing enzyme, ---prostaglandin---  
endoperoxide ---synthetase--- (PGES), and useful for the production of  
PGES.

CONSTITUTION: The DNA has a base sequence from -72nd to 1728th bases  
expressed by the figure (the bases of 271st-1728th are omitted) and  
codes ---prostaglandin--- endoperoxide ---synthetase---. The DNA can be  
prepared by separating mRNA from seminal gland of sheep, synthesizing a  
DNA using a transcriptase and an oligonucleotide synthesized beforehand  
as a primer using the above mRNA as a template, integrating the  
obtained DNA into a vector to obtain a DNA library and carrying out  
screening, etc.

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